

869T20" 9299T50

FIG. 1

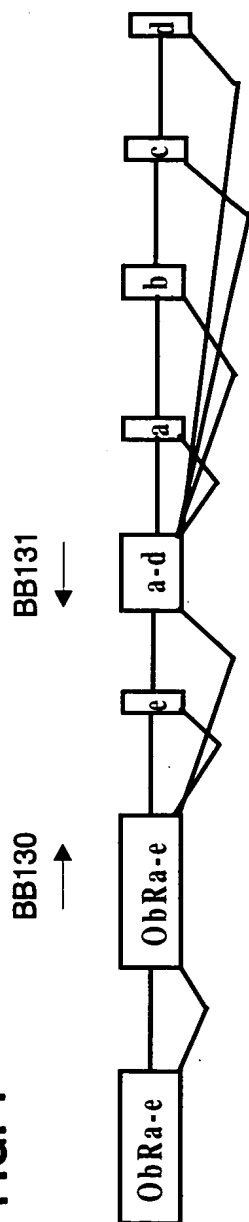


FIG. 2A

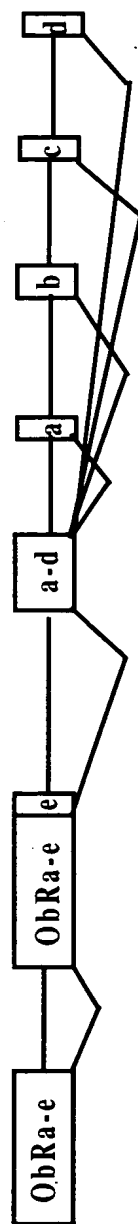
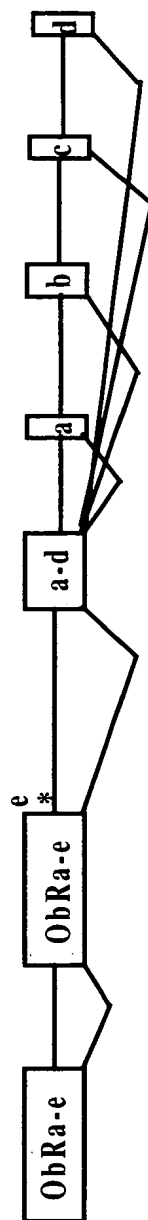


FIG. 2B



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FIG. 3A

Sequence across the mouse intron-exon border:

aatgttaaaaagtttcacatccacgggtatgtgtactgtacttttcatggattag
 N V K K F H I H G M C T V L F M D *

Sequence across the human intron-exon border:

tctgttaagaagtattatatccatggtaagtttactatacttttag
 S V K K Y Y I H G K F T I L *

FIG. 3B

Mouse Ob-Re: ggatatgtgtactgtacttttcatggat

Human Ob-Re: ggtaagtttactatactt

Mouse Ob-Re: G M C T V L F M D
 Human Ob-Re: G K F T I L

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FIG. 4A

1 ATGATTTGTCAAAAATTCGTGTGGTTTGTGTACATTGGGAATTATTATGTGATAACT 60
61 GCGTTTAACTTGTCAATCAATTAATCCTTGGAGATTAAAGTTGTCTTGCATGCCACCA 120
121 AATTCAACCTATGACTACTTCCTTTTGCCCTGCTGGACTCTCAAAGAAATACTTCAAATTCG 180
181 AATGGACATATGAGACAGCTGTGAACCTAAGTTTAATCAAGTGGTACTCATTCTTCT 240
241 AACTTATCCAAAACAACCTTCCTGTTGCTTTCGGAGTGAGCAAGATAGAAAACCTGCTCC 300
301 TTATGTGCAGACAACATGAAGGAAAGACATTTGTTTCAACAGTAAATTCTTTAGTTTTT 360
361 CAACAAATAGATGCAAACTGGAACATACAGTGTGGCTAAAGGAGACTTAAAAATTATTC 420
421 ATCTGTTATGTGGAGTCATTAATTAAGAAATCTATTTCAGGAAATTATAACTATAAGGTCCAT 480
481 CTTTATAATGTTCTGCCCTGAAGTGTAGAAAGATTACCTCTGGTTCCCCAAAAGGCAGT 540
541 TTTTCAGATGGTTCACTGCAATTGCAGTGTTCATGAATGTTGTGAATGTCCTTGTGCCCTGTG 600
601 CCAACAGCCAAACTCAACGACACTCTCCTTATGTGTTTGAANAATCACATCTGGTGGAGTA 660
661 ATTTTCCAGTCACCTCTAATGTTCAGTTTCAGCCCCATAAATATGGTGAAGCCTGATCCACCA 720
721 TTAGGTTTGCATATGGAAATCACAGATGATGGTAATTAAAGATTCTTGGTCCAGCCCA 780
781 CCATTGGTACCATTTCCACTTCAATATCAAGTGAAATATTCAGAGAAATTCACAACAGTT 840
841 ATCAGAGAAGCTGACAAGATTGTCACAGTACATCCCTGCTAGTAGACAGTATACTTCCT 900
901 GGGTCTTCGTATGAGGTTTCAGGTGAGGGCAAGAGACTGGATGGCCAGGAATCTGGAGT 960
961 GACTGGAGTACTCCCTCGTGTCTTTACCACACAAGATGTCTATATACTTCCACCTAAAATT 1020
1021 CTGACAAGTGTGGGTCTAATGTTTCTTTTCACTGCTATCTATAAGAAAGGAAAACAAGATT 1080
1081 GTTCCCTCAAAGAGATTGTTTGGTGGATGAATTTAGCTGAGAAAATTCCTCAAGCCAG 1140
1141 TATGATGTTGTGAGTGATCATGTTAGCAAAGTTACTTTTTCATCTGAATGAAACCCAAA 1200
1201 CCTCGAGGAAAGTTTACCCTATGATGCAGTGTACTGCTGCAATGAACATGAATGCCATCAT 1260

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FIG. 4B

1261	CGCTATGCTGAATTATATGTGATTGATGTCAAATATCAATATCTCATGTGAAACTGATGGG	1320
1321	TACTTAACATAAATGACTTGACAGATGGTCAACCAAGTACAAATCCAGTCACCTGCGGAAAGC	1380
1381	ACTTTGCAATTGAGGTATCATAGGAGCAGCCTTTACTGTTCTGATATTCCATCTATTTCAT	1440
1441	CCCATATCTGAGCCCAAGATTGCTATTTCAGAGTGATGGTTTTATGAATGCATTTTC	1500
1501	CAGCCAATCTTCCCTATTATCTGGCTACACAATGTGGATTAGGATCAATCACTCTCTAGGT	1560
1561	TCACTTGACTCTCCACCAACATGTGTCTTCCCTGATTCGTGGTGAAAGCCACTGCCCTCCA	1620
1621	TCCAGTGTGAAAGCAGAAATTACTATAAACAATTGGATTATTGAAAAATATCTTTGGGAAAAG	1680
1681	CCAGTCTTTCCAGAGAAATAACCTTTCAATTCCAGATTCCGCTATGGTTTAAAGTGGAAAAAGAA	1740
1741	GTACAAATGGAAGATGTATGAGGTTTATGATGCAAAAATCAAAAATCTGTCACTCTCCCAGTT	1800
1801	CCAGACTTGTGTCAGTCTATGCTGTTTCAGGTCCGCTGTAAAGAGGCTAGATGGACTGGGA	1860
1861	TATTGGAGTAATTGGAGCAATCCAGCCTACACAGTTGTCTATGGATATAAAAAGTTCCCTATG	1920
1921	AGAGGACCTGAAATTTTGGAGAAATAATTAAATGGAGATACTATGAAAAAGGAGAAAAATGTC	1980
1981	ACTTTACTTTGGAAGCCCCCTGATGAAAAAATGACTCATTTGTGCAGTGTTCAGAGATATGTG	2040
2041	ATAAACCATCATACTTCCCTGCAATGGAACATGGTCAGAAGATGTGGGAAATCACACGAAA	2100
2101	TTCACTTTCCCTGTGGACAGAGCAAGCACATACTGTACGGTTCTGGCCATCAATTCAATT	2160
2161	GGTGCTTCTGTGCAAAATTTAAATTTAAACCTTTTTCATGGCCTATGAGCAAAAGTAAATATC	2220
2221	GTGCAGTCACTCAGTGTCTATCCCTTTAAACAGCAGTTGTGTGATTGTTTCCCTGGATACATA	2280
2281	TCACCCAGTGATTACAAGCTAATGTATTTTATTTATTTAGTGGAAAAATCTTAATGAAGAT	2340
2341	GGTGAAATAAAAATGGCTTAGAATCTCTTTCATCTCTGTTAAGAAAGTATTATATCCATGTAAG	2400
2401	TTTACTATACTTTAG	2415

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1	20	T
21	40	P
41	60	S
61	80	S
81	100	S
101	120	F
121	140	F
141	160	H
161	180	S
181	200	V
201	220	V
221	240	P
241	260	P
261	280	V
281	300	P
301	320	S
321	340	I
341	360	I
361	380	Q
381	400	K
401	420	H

1	I	V	Y	I	F	E	W	L	C	N	D	M	I	L	I	Q	V	N	V	H	Y
21	S	M	C	S	L	K	S	R	Q	G	S	K	P	S	S	L	D	I	Y	E	F
41	N	S	T	T	S	S	S	F	V	W	S	L	N	L	Y	L	V	I	A	F	C
61	G	H	R	G	F	R	V	W	F	S	E	C	I	N	K	S	R	D	C	L	T
81	D	A	K	A	K	F	F	C	L	D	H	M	P	G	V	T	K	Q	H	N	V
101	N	P	P	P	C	T	Q	N	E	V	L	Q	D	Q	A	G	T	F	M	K	V
121	I	T	L	E	C	K	I	K	L	S	L	V	D	Y	S	R	T	S	W	S	A
141	V	I	L	V	H	G	N	F	V	C	T	S	T	Q	V	V	F	V	W	V	D
161	C	P	F	A	F	E	W	L	E	N	D	M	I	L	I	Q	V	N	V	H	Y
181	F	Y	Y	T	T	I	N	S	P	C	N	L	E	P	K	V	R	S	I	D	T
201	K	S	D	E	T	N	A	E	L	H	L	P	M	F	D	E	P	G	E	S	F
221	Q	L	Y	Y	K	D	D	V	V	V	K	S	H	P	A	Y	T	V	K	V	K
241	C	N	T	H	S	A	I	Y	Y	M	A	Q	L	V	E	S	S	S	S	V	G
261	I	F	S	G	L	C	Q	C	L	Q	T	F	G	L	R	S	W	T	P	D	R
281	M	A	N	N	N	L	Q	I	L	F	P	I	L	P	I	G	D	L	V	Y	P

FIG. 5A

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FIG. 5B

[illegible]

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FIG. 6A

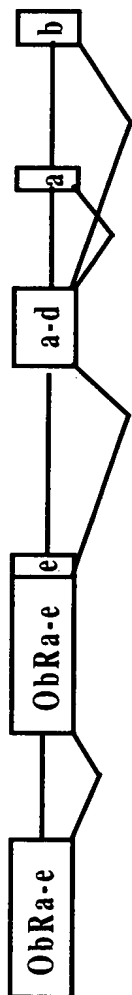
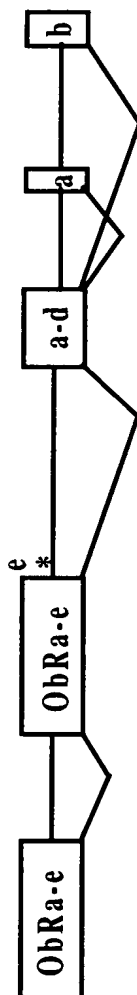


FIG. 6B



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FIG. 7A

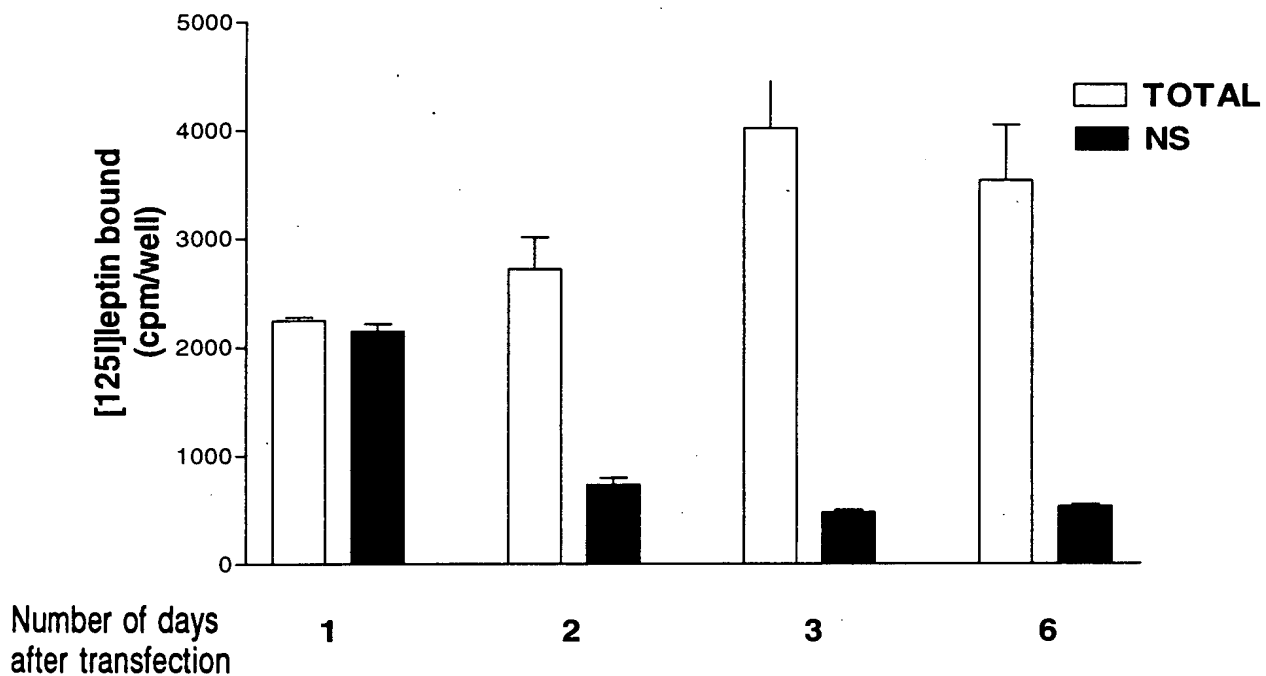
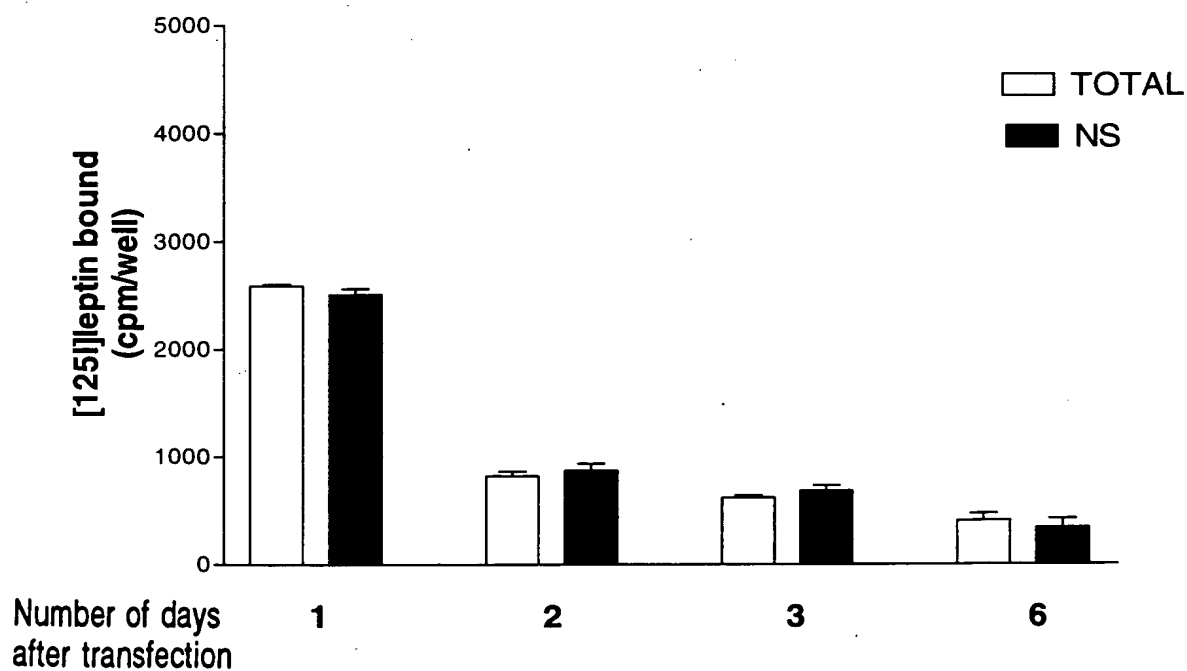


FIG. 7B



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FIG. 7C

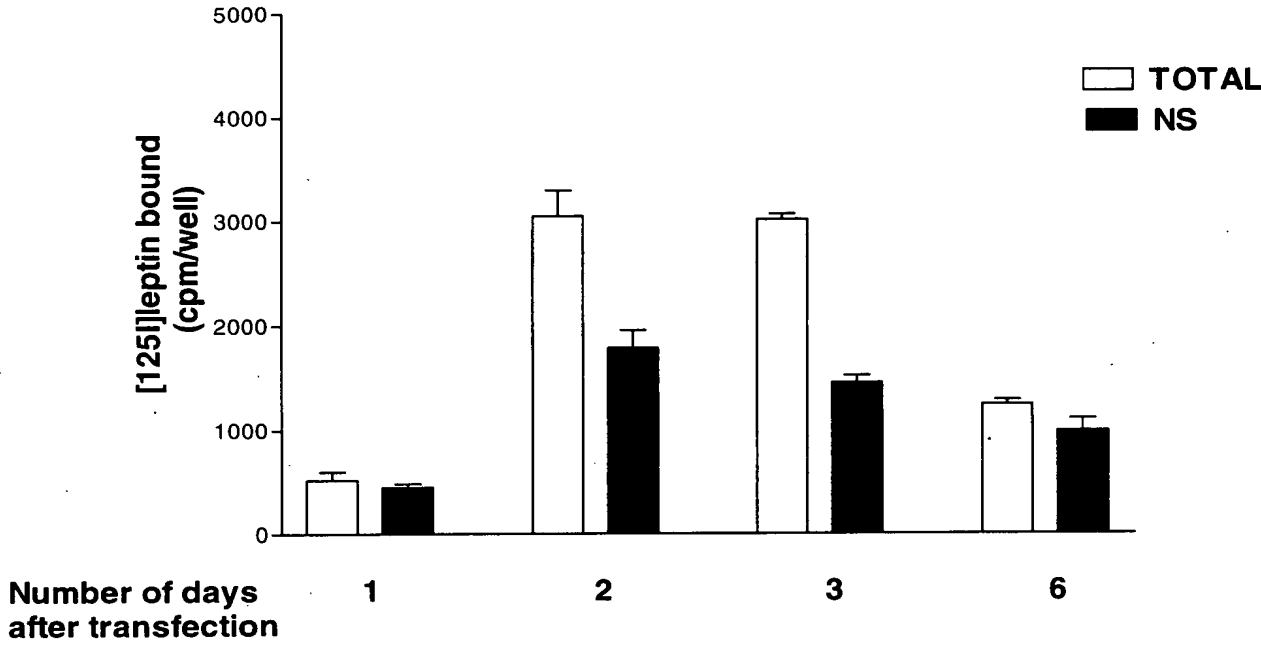
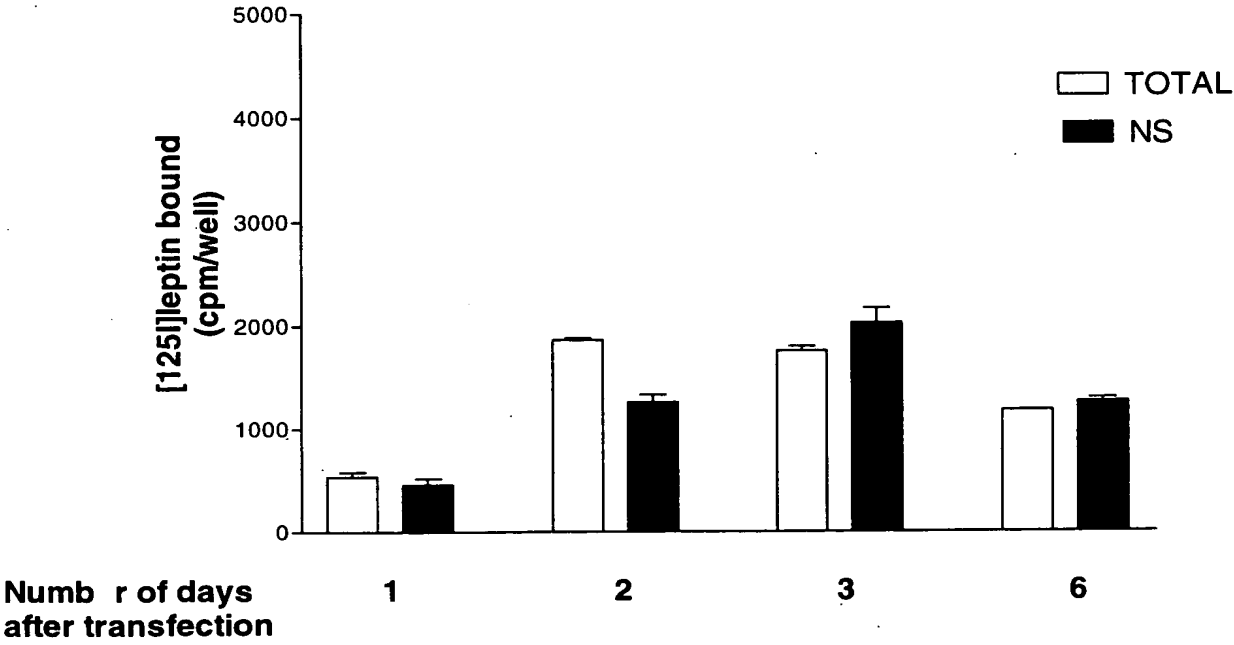
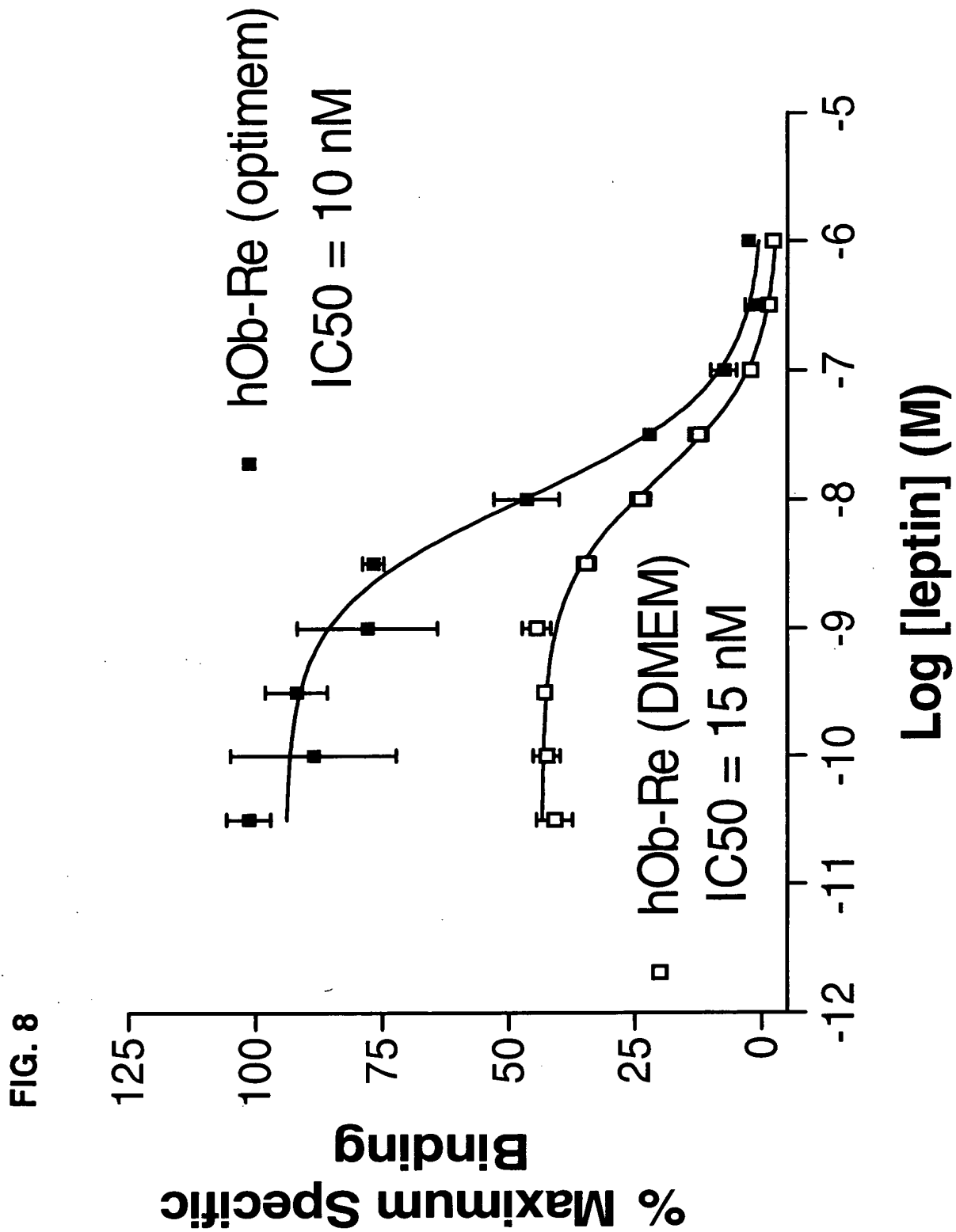


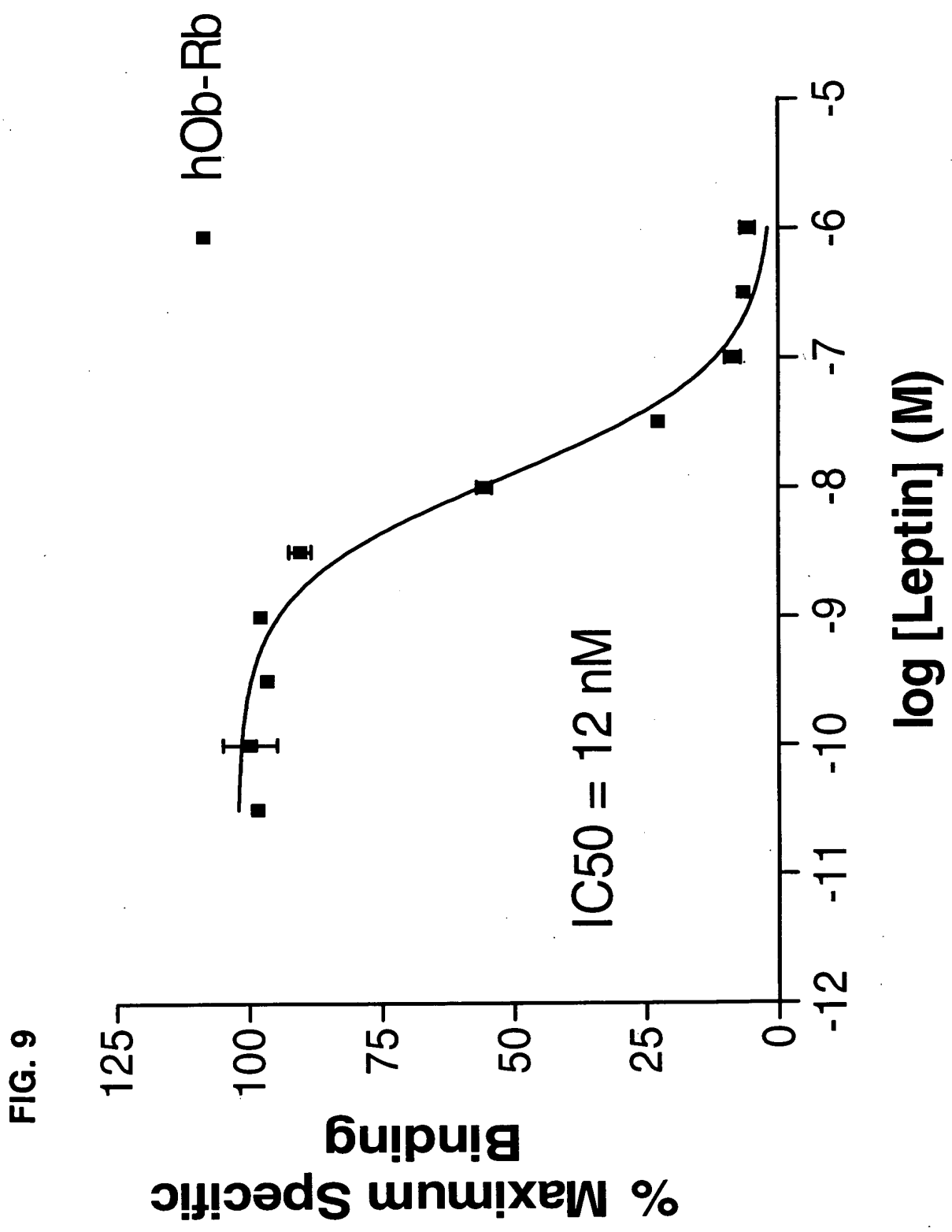
FIG. 7D



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FIG. 10A

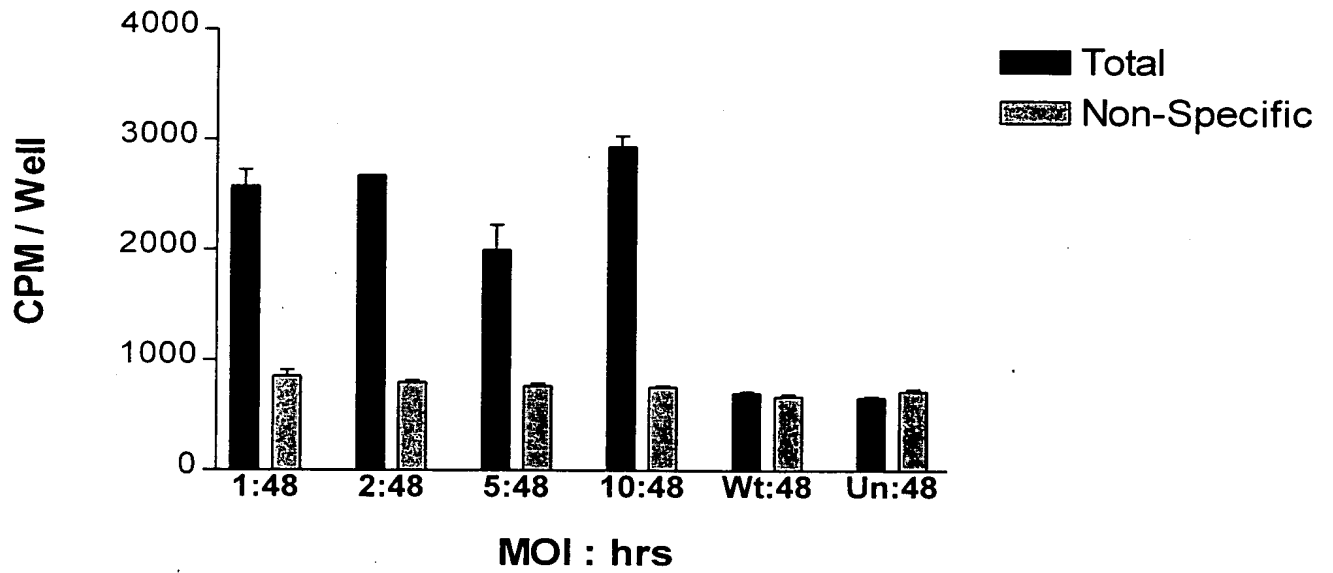
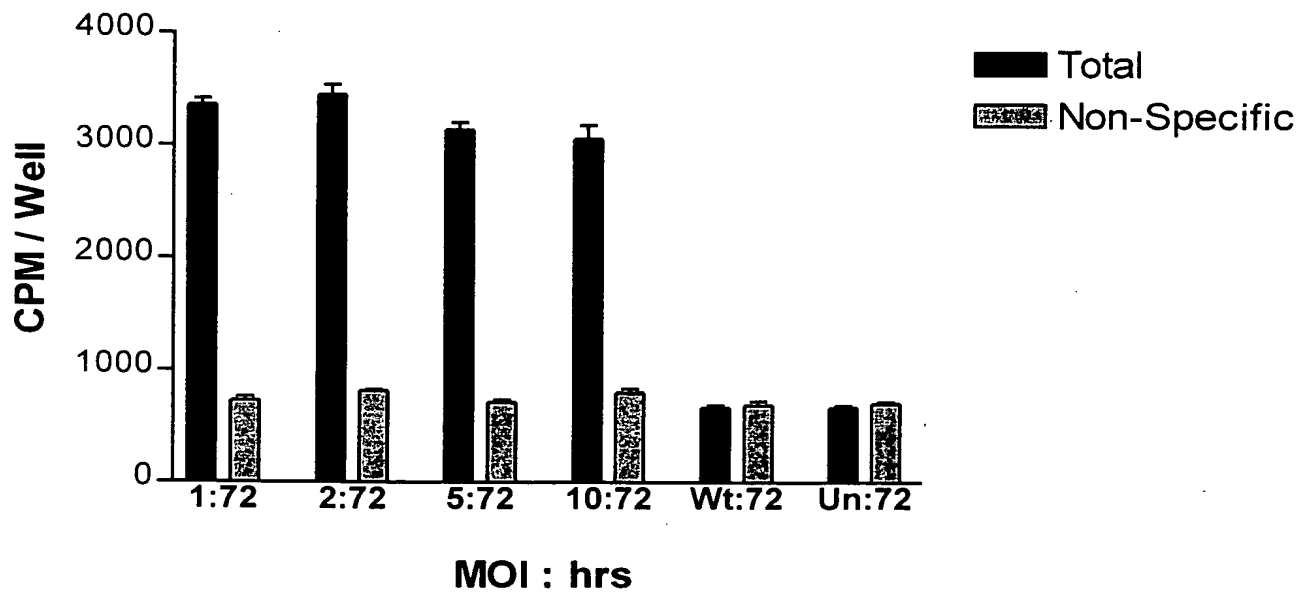


FIG. 10B



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FIG. 10C

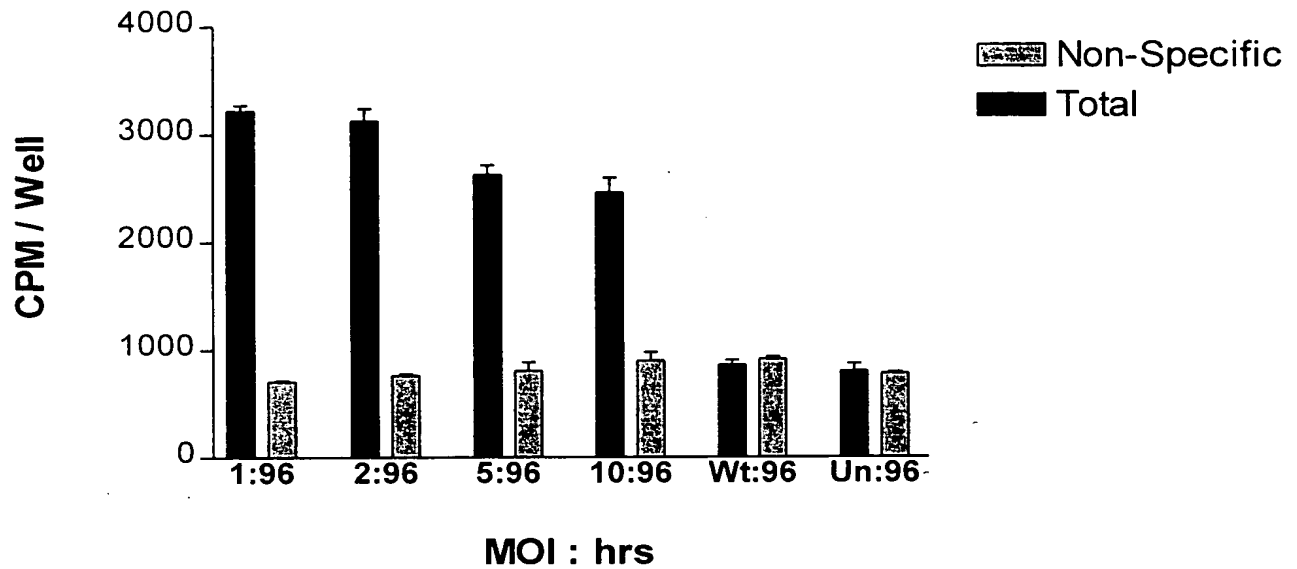
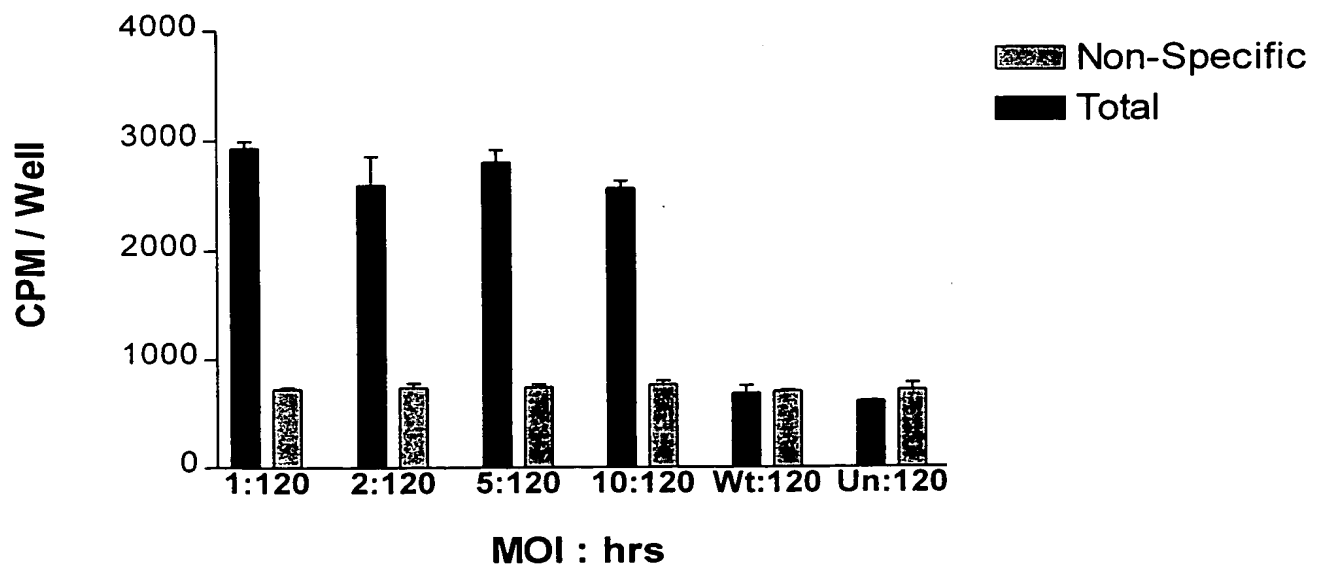


FIG. 10D



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FIG. 11A

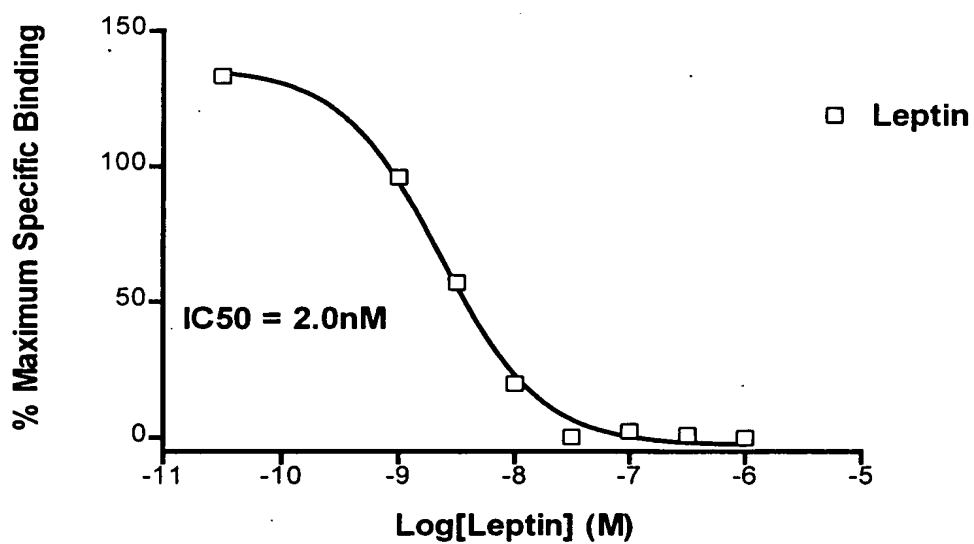
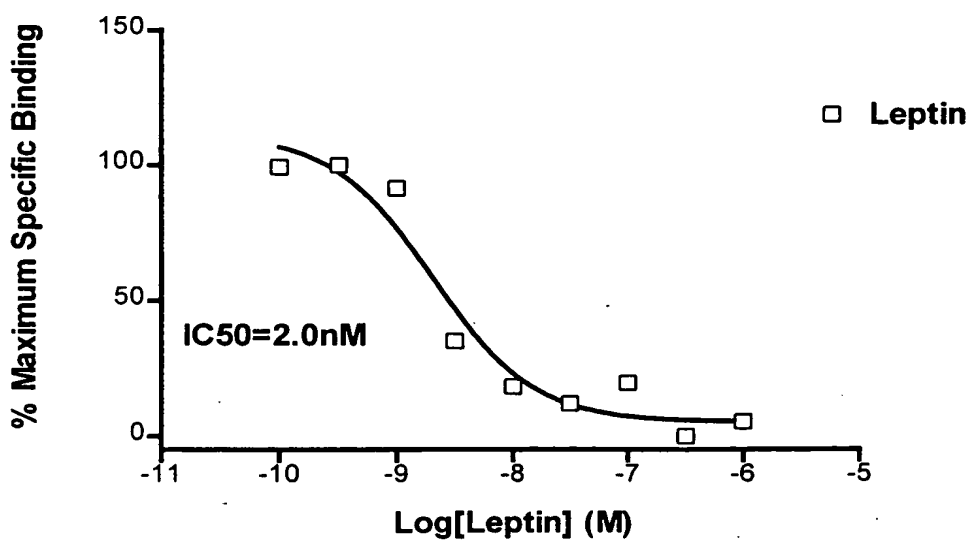


FIG. 11B



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